

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: East Straits –Green Pt, Freshwater Bay, Deep Creek, Pysht

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. Portions of the area were closed for a total of 112 days due to high biotoxin levels.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard. Station number 142 has a 90th percentile of 22 and is listed as of concern.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

TABLE 1
SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **EAST STRAITS**

Classification: **Approved,Unclassified**

From **12/06/2000** To **11/15/2005**

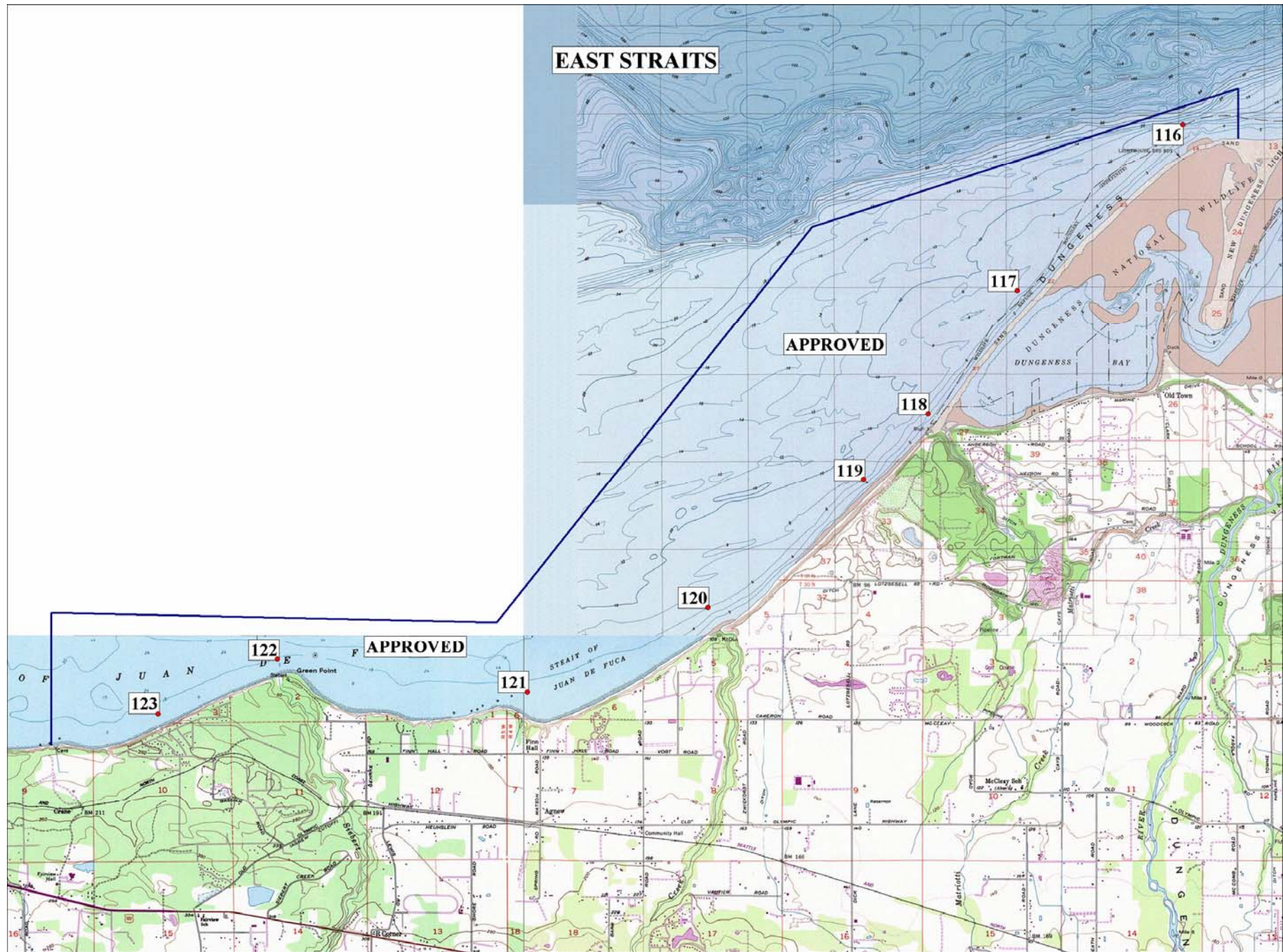
FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
116	Approved	31	1.7 - 4.5	1.8	2.0	Yes
117	Approved	31	1.7 - 4.5	1.8	2.0	Yes
118	Approved	31	1.7 - 70.0	1.9	4.0	Yes
119	Approved	31	1.7 - 23.0	1.9	3.0	Yes
120	Approved	30	1.7 - 7.8	2.1	3.0	Yes
121	Approved	31	1.7 - 79.0	3.0	10.0	Yes
122	Approved	31	1.7 - 130.0	2.5	9.0	Yes
123	Approved	31	1.7 - 33.0	2.0	4.0	Yes
124	Approved	30	1.7 - 49.0	2.3	5.0	Yes
127	Approved	31	1.7 - 60.0	2.1	5.0	Yes
128	Approved	31	1.7 - 79.0	2.3	7.0	Yes
136	Approved	31	1.7 - 33.0	2.7	8.0	Yes
137	Approved	31	1.7 - 7.8	2.3	4.0	Yes
139	Approved	31	1.7 - 17.0	3.3	10.0	Yes
140	Approved	30	1.7 - 79.0	3.2	13.0	Yes
141	Approved	30	1.7 - 49.0	3.4	12.0	Yes
142	Approved	30	1.7 - 130.0	4.7	22.0	Yes
143	Approved	31	1.7 - 49.0	3.1	11.0	Yes
144	Approved	31	1.7 - 23.0	2.1	4.0	Yes
145	Approved	31	1.7 - 33.0	2.4	7.0	Yes
146	Approved	31	1.7 - 79.0	2.3	7.0	Yes
147	Approved	31	1.7 - 49.0	2.8	8.0	Yes
148	Approved	32	1.7 - 22.0	1.9	3.0	Yes
149	Approved	32	1.7 - 540.0	2.2	8.0	Yes
150	Approved	32	1.7 - 11.0	1.8	3.0	Yes
174	Unclassified	19	1.7 - 7.8	2.7	6.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *



EAST STRAITS

J U A N

APPROVED

PROHIBITED



